

James Mealy

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Education

2013-2017: Bachelor of Electronic and Computer Engineering, National University of Ireland, Galway.

Grades	Current Overall Grade: First Class Honours Expected Final Grade: First Class Honours
Projects	Final Year Project: “File Manager with Sentiment Analysis”. A simple GUI file manager application, with the ability to partition text files based on sentiment, using supervised machine learning algorithms. Secondary features include sorting files by custom criteria, such as language, and using unsupervised topic modelling algorithms to partition files. 2nd Year Project: “Musical Device with an Arduino”. A programmable one string guitar, made using an Arduino and servo motors. Programmed in C. The Project received 10 out of a possible 10 marks. Completed in a group of 5. First Year Projects: The three projects received an overall grade of A. Project 1: Spaghetti Bridge, Project 2: Truck Race, Project 3: Robot Obstacle Course (programmed in C).
Relevant Modules	Programming I, II, & III (Java); Professional Skills; Embedded Systems Applications Programming; Project Management for Engineers; Machine Learning and Data Mining; Software Engineering; Real Time Systems; Distributed Systems and Co Operative Computing; Engineering Design.

2007-2013: Leaving Certificate, Castlecomer Community School, Kilkenny.

Grades	585 points.
Subjects	Chemistry, A1H; Physics, A1H; English, A2H; Maths, A2H; Applied Maths, A2H; Geography, A2H; French, B1H; Irish, B3O.

Work Experience

January - August
2016

SAP, Dublin: Worked as a software development intern for the insurance department. Some of my tasks included:

- Developing new features for SAP insurance products (programmed in ABAP).
- Optimising the performance for SAP insurance products and systems.
- Ensuring high quality output from my team by testing for and fixing bugs.
- Writing documentation for future maintenance of code.
- Attending daily scrum meetings, improving my presentation and public speaking skills.
- Completing training on how SAP technologies and business processes work.
- Completing optional training on sustainability in large businesses and in front-end development for SAP applications.

2010-2016

Other jobs include: The Book Shop, Castlecomer; Murty Rabbit's Pub, Galway; Toner's Pub, Dublin; Mealy's Auctioneers, Castlecomer; Time For Tyres, Castlecomer.

Skills

- **Technical:** Proficient in Java, Python, HTML/CSS, Twitter Bootstrap, Matlab, C, VHDL, Assembly, and Linux. Currently learning Javascript and Nodejs. Good at picking up new technologies quickly. For example, I used Python for my final year project having no prior experience with the language.
- **Teamwork:** Worked successfully on many team projects in university and on work placement.

Achievements, Awards & Volunteering

- **Volunteering:** Kilkenny Arts Festival, 2014; WebSummit, 2014 & 2015; Sea Sessions 2015; Gave Leaving Cert. maths grinds voluntarily.
- **Academic:** NUIG Excellence Scholarship for Leaving Cert Results; NUIG Scholar Award 2015 & 2016 (based on exam results); Academic Student of the Year 2013 (highest leaving cert results); CTYI correspondence course in psychology; ECDL computer course.
- **Music:** Bass player in the Transition Year jazz band.
- **Other:** Part of the winning team in the 2015 Student Startup mentorship programme for young entrepreneurs; Member of NUIG Windsurfing committee.
- **Interests:** Surfing, Reading, Travel.

References available on request